Form PTO-1449 (REV. 8-83)	US Dept. of Commerce PATENT & TRADEMARK OFFICE MATION DISCLOSURE STATEMENT		ATTY DC 032163.02	KET NO. APPLICATION NO. Rule 53(b) Divisional of U.S. Patent Application No. 09/496,345			nal of U.S.		
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						signed			
	U.S.	PATEN	T DOCU	MENTS			T =		
EXAMINER INITIAL	DOCUMENT NUMBER	D.	АТЕ	NAME		CLASS	SUB CLASS		
MAR	4,274,732	06/19	81	THURN et al.					
HAP	4,837,635	06/19	89	SANTOS					
THE !	4,965,662	10/19	90	SHIOTA					
PAC	4,974,096	11/19	90	WASH					
MM	4,991,004	02/19	91	HAYASHI et al.					
TAR	5,054,758	08/19	91	NEALON					
THE	5,106,030	04/19	92	PAGANO et al.					
THE	5,111,229	05/1992		PAGANO					
EAR	5,130,745	07/19	92	CLOUTIER et al.					
The	5,237,156	08/19	93	KONISHI et al.	<u> </u>				
M	5,274,418	12/19	93	KAZAMI et al.					
Z (AC)	5,295,204	03/19	94	PARULSKI					
	FOREIG	ON PAT	ENT DO	CUMENTS		 	-		
	DOCUMENT NUMBER	DA	ATE	COUNTRY		CLASS	SUB CLASS		
the	EP-A-0 323 849 A2	07/19	89	EUROPE					
THE	EP-A-0 323 849 A3	07/1989		EUROPE					
THE I	EP-A-0 615 154 A1	09/19	94	EUROPE					
THE I	EP-A-0 536 755 A2	04/19	93	EUROPE					
AAC	EP-A-0 536 755 A3	04/19	93	EUROPE					
ZHC	EP-A-0 639 025 A1	02/19	95	EUROPE					
	OTHER DOCUMENTS (Inc	luding	Author, T	itle, Date, Pertinent Pages, etc.)	-				
ARC	Society for Information Display (SID) - International Symposium - Digest of Technical Papers, Vol. XXV, San Jose, June 14-16, 1994: P.W. Wong, pg. 801 or SID 94 Digest at 801								
					-				
EXAMINER DATE CONSIDERED									
Examiner: Ini	tial if citation considered, whether or not cinformance and not considered. Include copy of	tation i	s in conf	formance with M.P.E.P. 609; draw	line th	rough citation	on if not in		

Form PTO-1449 (REV. 8-83)	US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY D 032163.0	OCKET NO. 12	APPLICATION NO. Rule 53(b) Divisional of U Patent Application No.		onal of U.S.	
INFORMATION DISCLOSURE STATEMENT					09/49	96,345		
(Use several sheets if necessary)			APPLICANTS Toshiya AIKAWA et al.					
			FILING September	DATE er 19, 2001	GROUP Unassigned			
	U.S.	PATEN	VT DOCU	JMENTS				
EXAMINER INITIAL	DOCUMENT NUMBER	D	ATE	NAME		CLASS	SUB CLASS	
XX	5,337,164	08/19	94	YABE et al.				
MAC	5,369,426	11/19	94	JAMZADEH				
The I	5,467,168	11/19	95	KINJO et al.				
Me	5,537,229	07/19	96	BRANDESTINI et al.				
YAR	5,786,582	07/19	96	ROUSTAEI et al.				
EAR!	4,607,949	08/19	96	HAKAMADA et al.				
TIME	5,543,833	08/1996		TOYODA et al.				
HAR	5,579,471	11/1996		BARBER et al.				
AK I	5,587,752	12/1996		PETRUCHIK				
ZARC	5,600,385	02/1997		TAKESHITA				
	FOREIG	SN PAT	TENT DO	CUMENTS		T .		
	DOCUMENT NUMBER	D.	ATE	COUNTRY		CLASS	SUB CLASS	
SIAP	03-21171	01/19	91	JAPAN				
	3-195493	08/19	91	JAPAN				
40	3-190127	08/19	1991 JAPAN					
NI DE	3-186639	08/19	91	JAPAN				
	3-178527	08/19	91	JAPAN				
Sup	2-196043	08/19	990	JAPAN				
*	5-75922	03/19	993	JAPAN				
THE !	07-038710	02/19	95	JAPAN				
7/10	92/05469	04/19	992	WIPO				
	WO-A-91 04510	04/19	91	WIPO		-		
	WO-A-90 04302	04/19	90	WIPO				
	<u> </u>			Title, Date, Pertinent Pages, etc.)		1		
1							_	
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Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE	:	ATTY DOCKET NO. 032163.02			APPLICATION NO. Rule 53(b) Divisional of U.S. Patent Application No. 09/496,345			
INFORMATION DISCLOSURE STATEMENT					09/49	06,345				
(Use several sheets if necessary)				APPLICANTS Toshiya AIKAWA et al.						
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		U.S. I	PATI	ENT DOCU	MENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	1	DATE	NAME		CLASS	SUB CLASS		
SAR		5,601,956	02/	1997	INUIYA		_			
SAR		5,612,794	03/1	1997	BRANDESTINI et al.					
THE		5,633,977	05/	1997	INOUE et al.					
SIX		5,666,578	09/	1997	OIKAWA et al.					
XIL		5,768,444	06/	1998	NISHIMURA					
C										
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DOCUMENT NUMBER]	DATE	COUNTRY		CLASS	SUB CLASS			
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INFOR	MATION DISCLOSURE STATEMENT							
P		APPLICANT(S) Toshiya AIKAWA et al.						
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TRACEMANT U.S. PATER			ENT DOCUMENTS .					
EXAMINER INITIAL	DOCUMENT NUMBER		DATE	NAME	ИЕ		SUB CLASS	
Me	5,369,426	11/	29/94	JAMZADEH		346	15]	
Some	5,337,164	08/	09/94	YABE ET AL.		358	487	
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	FOREI	GN PA	ATENT DO	OCUMENTS		Γ	SUB	
	DOCUMENT NUMBER		DATE	COUNTRY		CLASS	CLASS	
ZW.	WO 91/04510	04/	04/91	WIPO		6633	17/24	
THE	EP 0 323 849 A2	07/	12/89	EUROPE				
M	EP 0 615 154 A1	09/	14/94	EUROPE				
LIM	EP 0 536 755 A2	04/	14/93	EUROPE				
SHE	EP 0 639 025 A1	02/	15/95	EUROPE				
TIME	WO 90/04302	04/	19/90	WIPO				
Sile!	WO 92/05469	04/	02/92	WIPO		6033	27/53	
<u></u>	OTHER DOCUMENTS (In	cludir	g Author,	Title, Date, Pertinent Pages, etc.)		1.0	- /	
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Date: July 26, 2002